

Dr. Harish S. Malpani

Assistant Professor & Head,
Department of Microbiology,
Shri R.L.T. College of Science,
Akola MS- 444001



+91-9890051961



harishsmalpani@gmail.com



<https://www.youtube.com/@DrHSMalpani-Microbiology>



<https://www.linkedin.com/in/dr-harish-malpani-249232106/>



Accomplished Microbiologist (Ph.D.) with a distinguished career in teaching and transformative research since 2009. My professional expertise is anchored in advanced technical training from India's premier institutes like IISc Bangalore, IISER Pune, and IIT Madras enabling a sophisticated approach to complex biological systems. As a dedicated NEP Educator and invited speaker at various HRDCs and international conferences, I am committed to advancing pedagogical standards and institutional excellence.

My core research contributions focus on the critical intersections of Medical Microbiology, investigating antimicrobial resistance and pathogenic mechanisms and Environmental Microbiology, where I explored microbial diversity and sustainable ecological solutions. I aim to leverage my dual expertise in academic policy and bench science to drive innovation in the modern scientific landscape."

Professional Brief

- Qualification : M. Sc., Ph.D. (Microbiology)
- Subject Expertise : Microbiology
- Current Research Interests : Medical & Environmental Microbiology, Molecular Biology.

Career Summary

HEAD OF DEPARTMENT (MICROBIOLOGY)

SHRI R.L.T COLLEGE OF SCIENCE, AKOLA | FROM 2021

ASSISTANT PROFESSOR (MICROBIOLOGY)

SHRI R.L.T COLLEGE OF SCIENCE, AKOLA | FROM 2017

ASSISTANT PROFESSOR (AD-HOC FACULTY)

SHRI R.L.T COLLEGE OF SCIENCE, AKOLA | 2009-2017

Roles & Responsibilities Undertaken

- Head, UG, PG & Research Department of Microbiology, Shri R.L.T. College of Science, Akola
- In charge Head, Department of Biochemistry
- Recognized Supervisor for Ph.D. Program Microbiology at SGB Amravati University (MS)
- Member of NAAC steering Committee at Shri RLT College of Science, Akola

Extension Services & Affiliations

- 1) Master trainer of Effective Teaching for Science undergraduate Teachers (By Maharashtra State Faculty Development Academy).
- 2) Master trainer for Choice-Based Credit System & NEP-2020 by SGB Amravati University.
- 3) Working as Resource person for UGC HRDC Centres for Short Term & Refresher courses
- 4) Working as Resource person at National Conferences and delivers popular talks in community engagement programs like NSS.
- 5) Member of Microbiologist Society India, Vigyan Bharti and Indian Science Congress
- 6) Member of NGO NisargKatta

Books Published

- 1) Soil Microbiology Practical Handbook for M.Sc. I Sem I(Microbiology)- My Rays Publication
- 2) General & Applied Microbiology B.Sc. I Sem II (Microbiology) - Dyanpath Publications
- 3) Medical Microbiology B.Sc. II Sem III (Microbiology) - Dyanpath Publications
- 4) Biochemistry & Molecular Biology B.Sc. II Sem IV (Microbiology)- Dyanpath Publications

Awards & Recognitions

- 1) One of the Youngest Ph.D. awardee from SGB Amaravati University at the age 26
- 2) Conservator of wildlife award by Forest Department (Wildlife) Govt. of Maharashtra
- 3) Best oral Presentation award in National conference on Basics & Advances in Life Sciences organized at RTM Nagpur University

Research Contributions

Paper publications (International)

- 1) **Malpani H. S.**, Nanoty V. D. (2011); Studies on environmental monitoring of pathogenic bacterial flora of hospital air & threat of antibiotic resistance; Nature Environment and pollution technology; 10 (2): 309-311.
- 2) Mangtani K.N., **Malpani H.S.** (2019); Microbiological Study of Waste Disposal and It's Efficient Management; Research Journey;110(E);395-400.
- 3) Bawane S.C., **Malpani H.S.** (2020); Synthesis And Evaluation Of Antibacterial Activities Of Biogenic Silver Nanoparticles From Bacterial Isolates Of Lonar Lake; Vidyabharti International Interdisciplinary Research Journal; 10(1):118-122
- 4) **Malpani H.S.**, (2020); Prevalence Of Bacterial Pathogens In Hopsital Air Of Operation Theatres And Intesive Care Units And Threat Of MDR Nosocomial Infections; International Journal of Research and Analytical Review;7(1):70-75.
- 5) **Malpani H.S.**, Bawane S.C (2020); Screening and Evaluation of Silver Nanoparticle Producing Bacteria from Lonar Lake India; Ayushi International Interdisciplinary Research Journal; 70(1):14-15
- 6) **Malpani H.S.**,(2023);Manifestation of Pharmaceuticals and Personal Care Products (PPCPs) and studies of Physico-chemical parameters of Morna River, Akola; Ecology, Environment & Conservation 29(4):1896-1899
- 7) **H.S. Malpani**, D.R. Goyanka, S.M. Ganorkar, S.A. Toshniwal, J.R. Yadav, R.V. Shrivaggi, & S.N. Gawande. (2026). Assessment of the Plant Growth-Promoting Potential and Biochemical Traits of Foliar Endophytic Bacteria from Hibiscus rosa-sinensis. The Bioscan, 21(Special Issue-1), 698-708.

• Research Guidance

- Students registered for PhD.- 02
- Guided more than 70 M.Sc. Microbiology students for their PG Projects (Since 2012)
- Guidance to Research festival (Aavishkar) (Since 2010)
University level winners 10; State level winners 01

• Paper presentations in Conferences/ Symposiums - More than 40

Date:

Place: Akola

Dr. Harish S. Malpani